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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/711,473	09/21/2004	Hsi-Ming Chang	13530-US-PA	5472
31561 7	00 01/27/2006		EXAMINER	
JIANQ CHYUN INTELLECTUAL PROPERTY OFFICE 7 FLOOR-1, NO. 100 ROOSEVELT ROAD, SECTION 2 TAIPEI, 100			ERDEM, FAZLI	
			ART UNIT	PAPER NUMBER
			2826	
TAIWAN			DATE MAILED: 01/27/2006	6

Please find below and/or attached an Office communication concerning this application or proceeding.

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		Application No.	Applicant(s)	
Office Action Summary		10/711,473	CHANG, HSI-MING	
	Office Action Summary	Examiner	Art Unit	
	The MAN INC DATE of this communication and	Fazli Erdem	2826	
Period fo	The MAILING DATE of this communication app or Reply	ears on the cover sheet with the c	correspondence address	
WHIC - Exte after - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR REPLY CHEVER IS LONGER, FROM THE MAILING DATE in time may be available under the provisions of 37 CFR 1.13 SIX (6) MONTHS from the mailing date of this communication. O period for reply is specified above, the maximum statutory period we are to reply within the set or extended period for reply will, by statute, reply received by the Office later than three months after the mailing ed patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tim rill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).	
Status				
	Responsive to communication(s) filed on <u>08 Not</u> This action is FINAL . 2b) This Since this application is in condition for allowant closed in accordance with the practice under E	action is non-final. nce except for formal matters, pro		
Disposit	ion of Claims			
5)	Claim(s) 1-18 is/are pending in the application. 4a) Of the above claim(s) is/are withdraw Claim(s) is/are allowed. Claim(s) 1-18 is/are rejected. Claim(s) is/are objected to. Claim(s) are subject to restriction and/or	vn from consideration.		
Applicati	ion Papers			
10)	The specification is objected to by the Examiner The drawing(s) filed on is/are: a) acce Applicant may not request that any objection to the o Replacement drawing sheet(s) including the correcti The oath or declaration is objected to by the Examiner	epted or b) objected to by the Edrawing(s) be held in abeyance. See on is required if the drawing(s) is obj	e 37 CFR 1.85(a). ected to. See 37 CFR 1.121(d).	
Priority ι	ınder 35 U.S.C. § 119			
a)[Acknowledgment is made of a claim for foreign All b) Some * c) None of: 1. Certified copies of the priority documents 2. Certified copies of the priority documents 3. Copies of the certified copies of the priorical application from the International Bureau See the attached detailed Office action for a list of	s have been received. s have been received in Application ity documents have been receive (PCT Rule 17.2(a)).	on No ed in this National Stage	
Attachment	L(s)			
2) Notic 3) Inform	e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO-948) nation Disclosure Statement(s) (PTO-1449 or PTO/SB/08) r No(s)/Mail Date	4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal Pa 6) Other:	(PTO-413) te atent Application (PTO-152)	

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DETAILED ACTION

Claim Rejections - 35 USC § 103

- 1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- Claims 1-18 rejected under 35 U.S.C. 103(a) as being unpatentable over Shih
 (2003/0230748) in view of Cho et al. (KR 2002089981) in view of Peng et al. (2004/0219723).

Regarding Claims 1-18, Shi discloses manufacture of TFT planer display panel and process for manufacturing the same where in 3A-3G, it is disclosed a substrate 300, polysilicon layer 304, lighly doped drain regions 309, gate insulating layer 307, gate buffer layer, dielectric layer 310 arranged over gate insulating film 307, source and drain regions 306. Shi fails to disclose the gate buffer layer between gate and the gate insulating layer and the required source/drain metal layers. However, Cho et al. disclose a method for fabricating LCD panel where in buffer layer 102(a) is located between gate electrode 101b and gate insulating film 103. Furthermore, Peng et al. disclose a low temperature polysilicon thin film transistor and method of manufacturing the same where in Figs. 1I and 1J source and drain metal configuration are disclosed as 146

It would have been obvious to one of having ordinary skill in the art at the time the invention was made to include the required gate buffer configuration and the required source and drain metal configuration in Shih as taught by Cho et al. and Peng et al.

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respectively in order to have low temperature polysilicon thin film transistor with

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increased performance.

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Fazli Erdem whose telephone number is (571) 272-1914. The

examiner can normally be reached on M - F 8:00 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Nathan Flynn can be reached on (571) 272-1915. The fax phone number for the

organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

FE

January 21, 2006

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